

Contract No. R001-002
“Abundant Energy: A Proposal for Wind Power
Development and Technical Education”

Submitted by Lake Region State College
Principal Investigator: Douglas Darling

PARTICIPANTS

Sponsor	Cost Share
Lake Region State College	\$2,299,900
Workforce Enhancement Fund Grant (WEF)	\$ 368,715
WEF Matching Funds	\$ 370,200
Native Energy	\$ 250,000
Cavalier County JDA	\$ 20,000
Nordik Fiberglas	\$ 29,500
Outland Energy, FPL, Vestas, etc	\$ 3,300
eCollege	\$ 10,000
Florida Power and Light (In-kind)	\$ 187,200
North Dakota Industrial Commission	<u>\$ 500,000</u>
Total Project Cost	\$4,038,815

Project Schedule – 42 months	Project Deliverables:
Contract Date – December 24, 2008	Status Report: January 31, 2009
Start Date – November 1, 2008	Interim Technical Program Summary Report - September 15, 2009
	Interim Project Summary Report – June 30, 2010
Completion Date – December 31, 2011	Final Report– December 31, 2011

OBJECTIVE/STATEMENT OF WORK:

To site and erect an operating 1.65 MW wind turbine and to design and implement a wind turbine technician training program. In addition Lake Region State College proposes to replace their existing natural gas-fired boilers with electric boilers and to utilize the wind turbine to provide most of the electricity required by the campus. This project significantly augments Lake Region State College’s current effort to “go green” and to develop the only wind turbine technician training program authorized by the North Dakota State Board of Higher Education.

STATUS

Contract Executed.
12/30/08